



Legend

- Lead Concentration (mg/kg)

 - Non detect to 400
 - 400 to 800
 - 800 to 1,500
 - 1,500 to 3,000
 - 3,000 to 10,000
 - greater than 10,000
- Historical Facilities

 - Historic Mill Facility
 - Historic Smelter Site
 - Consolidated Slag Pile (CSP)
- Project Site

 - Eureka County School
 - District Property
 - Sampled Areas
- Levels of lead in soil are measured in units of milligrams per kilogram (mg/kg)

Surface Creation: GIS Analysis

ESRI ArcGIS v10.1 Inverse distance weighted (IDW) interpolation determines cell values using a linearly weighted combination of a set of sample points. The weight is a function of inverse distance. The surface being interpolated should be that of a locally dependent variable. This method assumes that the variable being mapped decreases in influence with distance from its sampled location.

For each surface/contour map created for Eureka Pb or As levels, the nearest 12 concentration values were used.

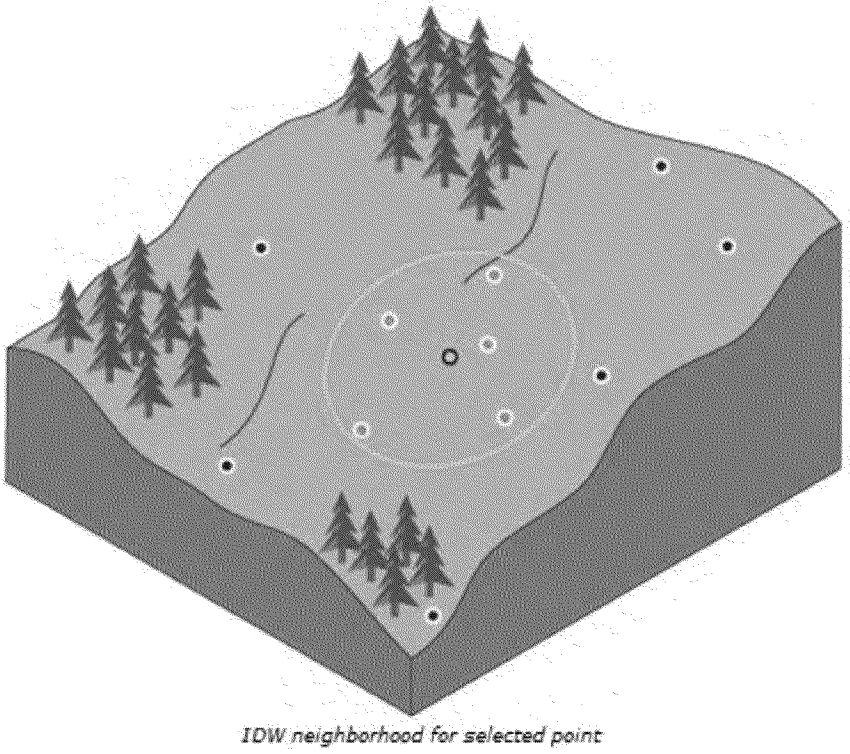


Figure 1
Town of Eureka
Iso-Concentration Map
For Lead



Legend

- Arsenic Concentration (mg/kg)
- Non detect to 60
 - 60 to 300
 - 300 to 600
 - 600 to 1,200
 - greater than 1,200

- Historical Facilities
- Historic Mill Facility
 - Historic Smelter Site
 - Consolidated Slag Pile (CSP)

Levels of arsenic in soil are measured in units of milligrams per kilogram (mg/kg)

- Project Site
- Eureka County School
- District Property
- Sampled Areas

Surface Creation: GIS Analysis

ESRI ArcGIS v10.1 Inverse distance weighted (IDW) interpolation determines cell values using a linearly weighted combination of a set of sample points. The weight is a function of inverse distance. The surface being interpolated should be that of a locally dependent variable. This method assumes that the variable being mapped decreases in influence with distance from its sampled location.

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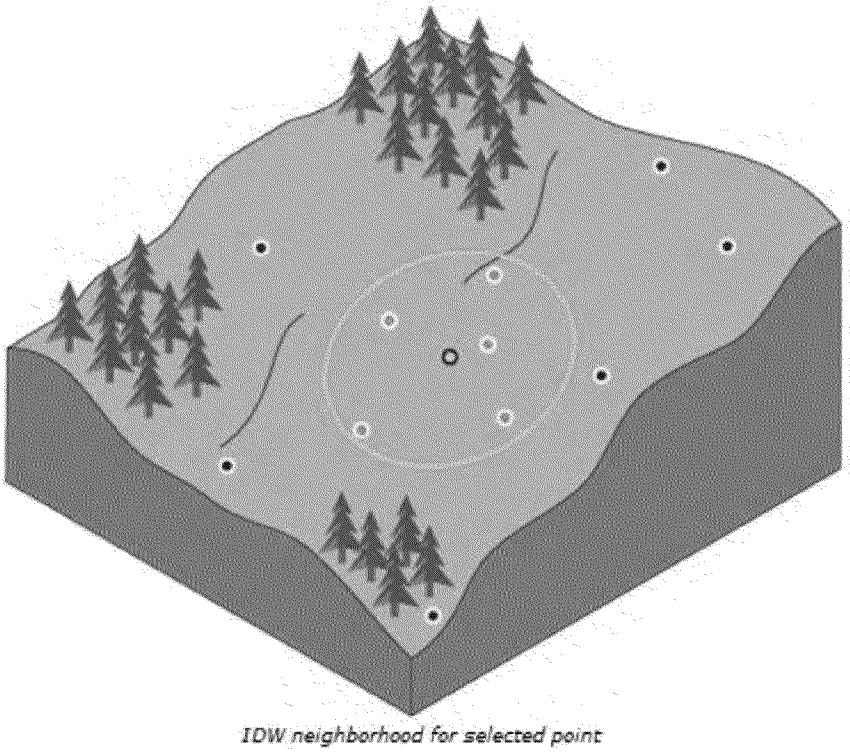


Figure 2
Town of Eureka
Iso-Concentration Map
For Arsenic